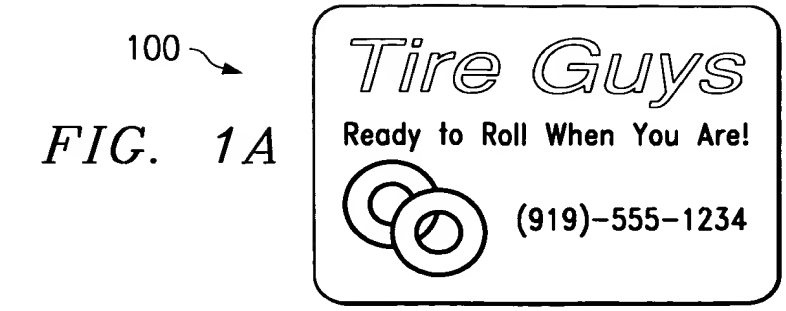

FIG. 1A

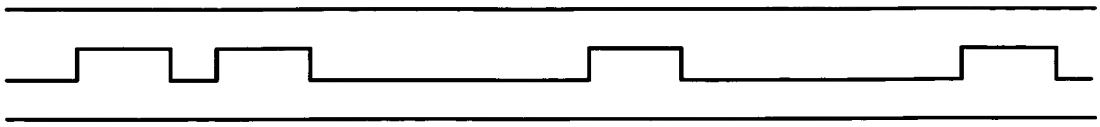

FIG. 1B

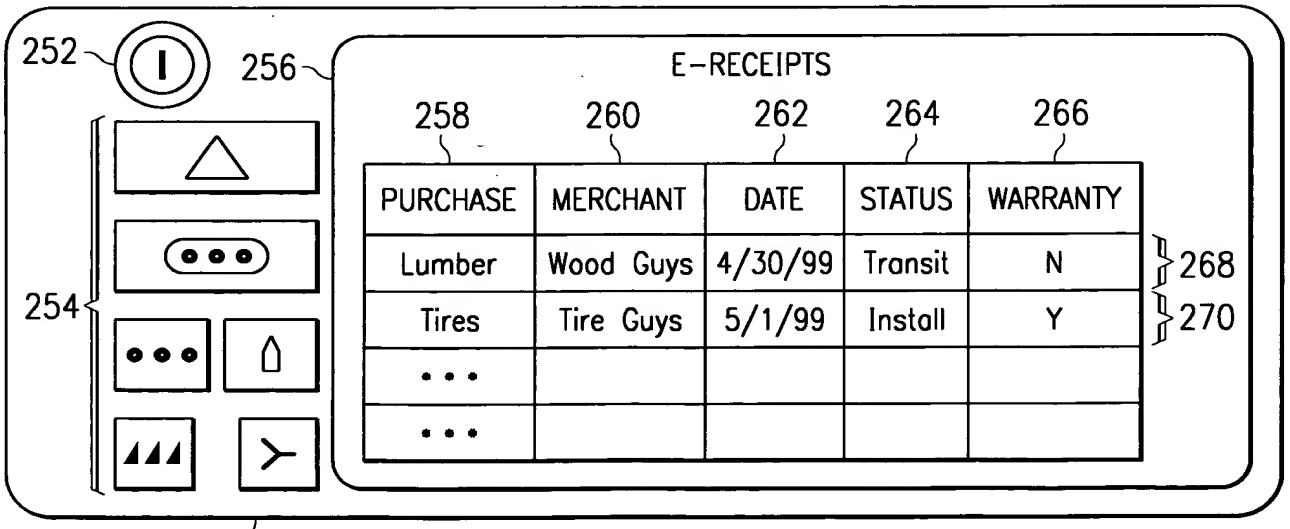

FIG. 2A

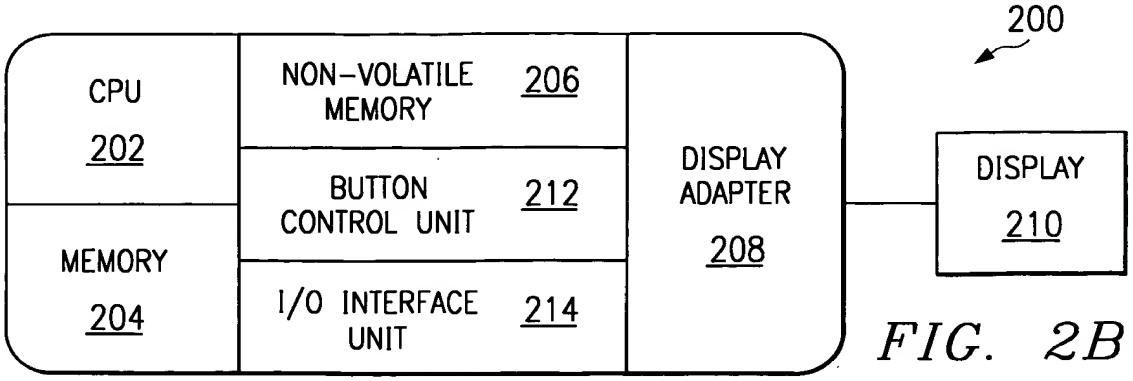

FIG. 2B

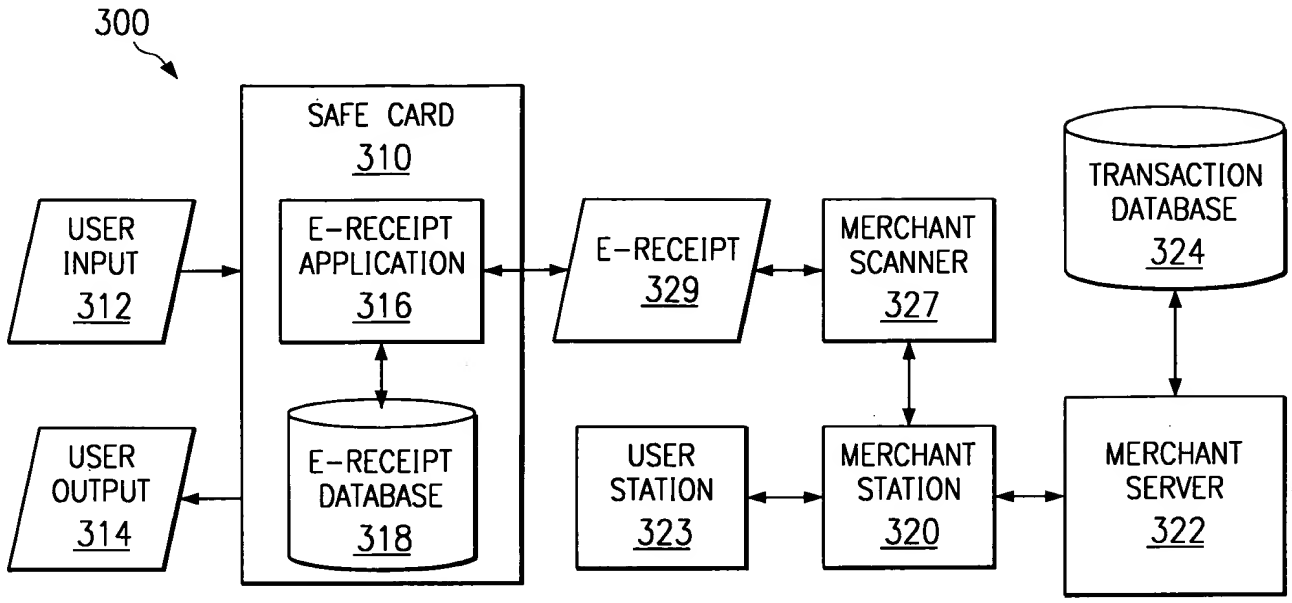
300
SAFE CARD
310
USER
INPUT
312
E-RECEIPT
APPLICATION
316
E-RECEIPT
329
MERCHANT
SCANNER
327
TRANSACTION
DATABASE
324
USER
OUTPUT
314
E-RECEIPT
DATABASE
318
USER
STATION
323
MERCHANT
STATION
320
MERCHANT
SERVER
322

FIG. 3A

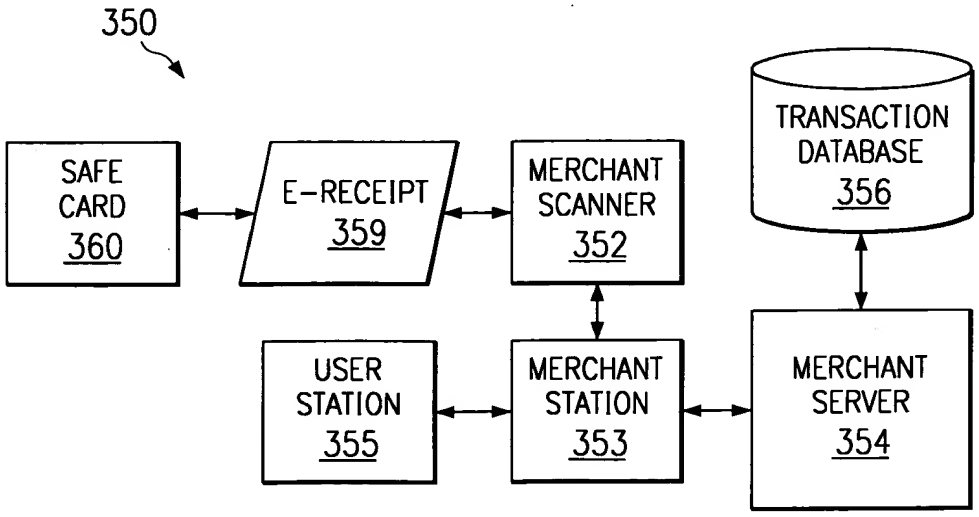
350
SAFE
CARD
360
E-RECEIPT
359
MERCHANT
SCANNER
352
TRANSACTION
DATABASE
356
USER
STATION
355
MERCHANT
STATION
353
MERCHANT
SERVER
354

FIG. 3B

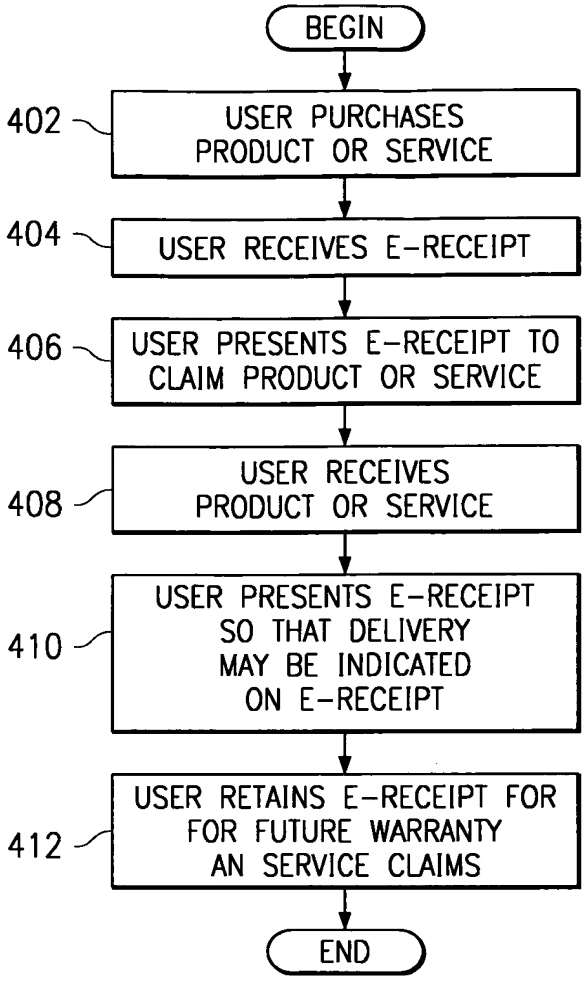
BEGIN
402
USER PURCHASES PRODUCT OR SERVICE
404
USER RECEIVES E-RECEIPT
406
USER PRESENTS E-RECEIPT TO CLAIM PRODUCT OR SERVICE
408
USER RECEIVES PRODUCT OR SERVICE
410
USER PRESENTS E-RECEIPT SO THAT DELIVERY MAY BE INDICATED ON E-RECEIPT
412
USER RETAINS E-RECEIPT FOR FOR FUTURE WARRANTY AN SERVICE CLAIMS
END

FIG. 4

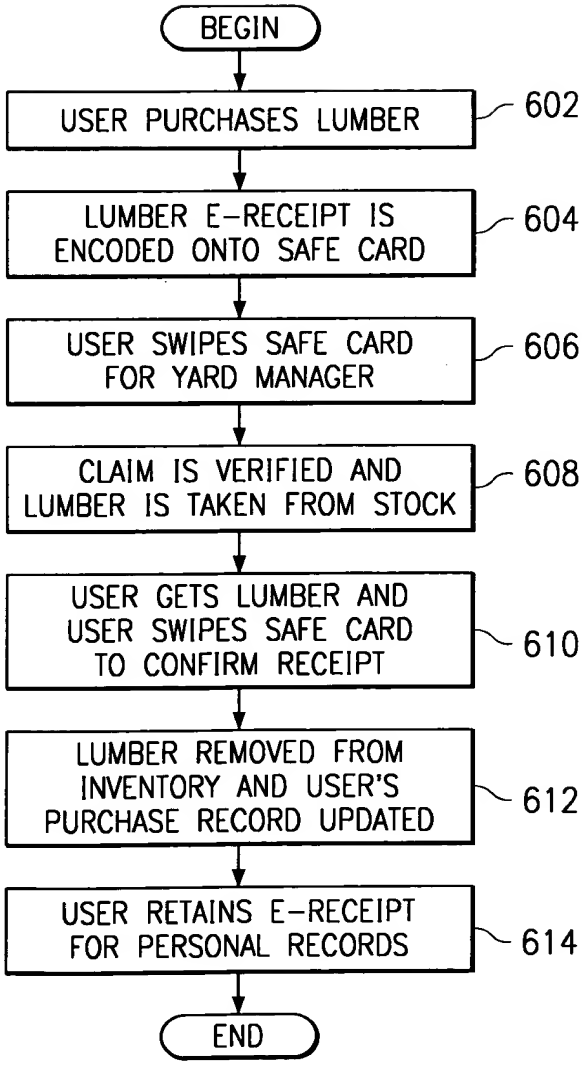
BEGIN
USER PURCHASES LUMBER
602
LUMBER E-RECEIPT IS ENCODED ONTO SAFE CARD
604
USER SWIPES SAFE CARD FOR YARD MANAGER
606
CLAIM IS VERIFIED AND LUMBER IS TAKEN FROM STOCK
608
USER GETS LUMBER AND USER SWIPES SAFE CARD TO CONFIRM RECEIPT
610
LUMBER REMOVED FROM INVENTORY AND USER'S PURCHASE RECORD UPDATED
612
USER RETAINS E-RECEIPT FOR PERSONAL RECORDS
614
END

FIG. 6

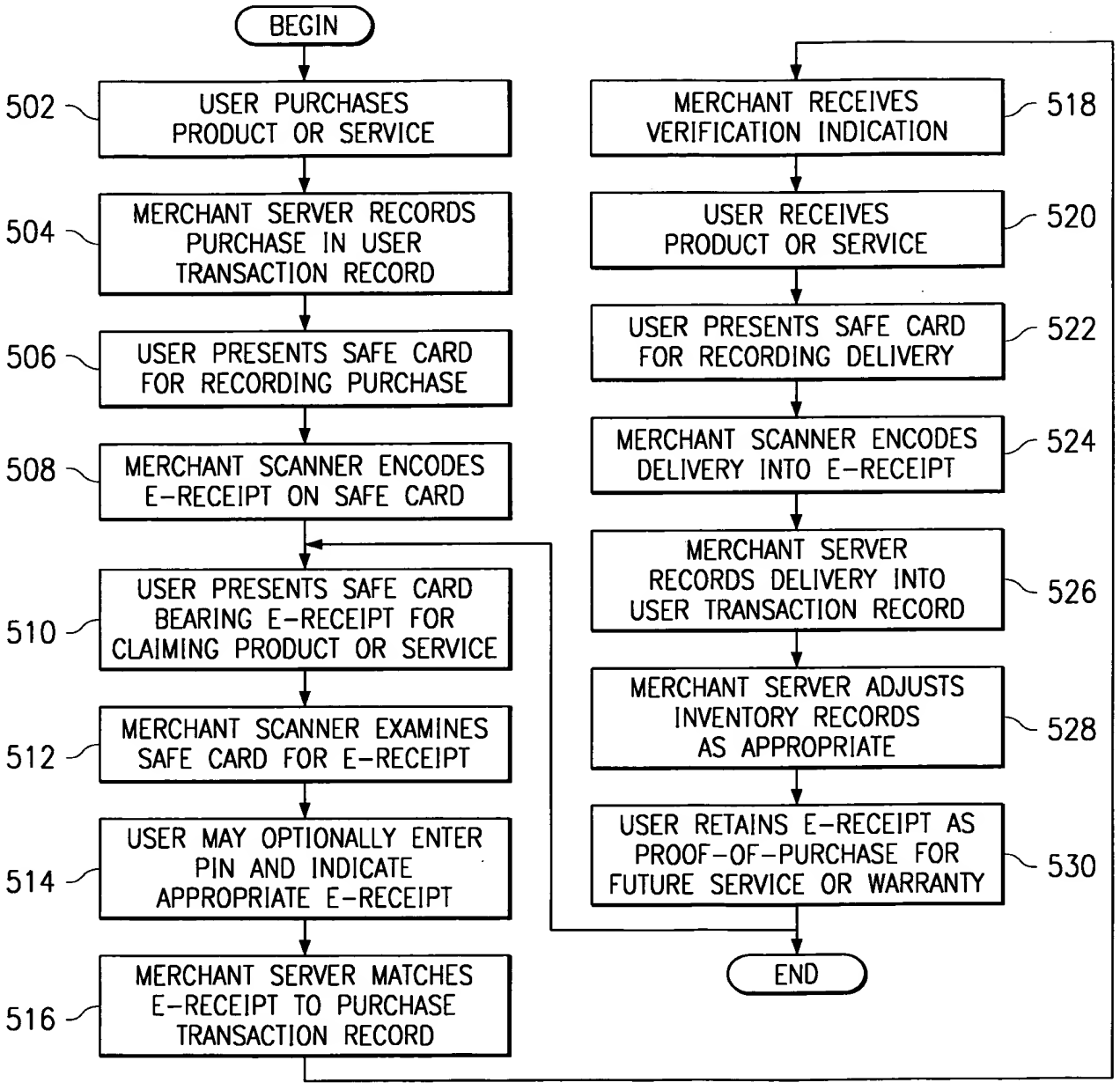
BEGIN
502
USER PURCHASES PRODUCT OR SERVICE
504
MERCHANT SERVER RECORDS PURCHASE IN USER TRANSACTION RECORD
506
USER PRESENTS SAFE CARD FOR RECORDING PURCHASE
508
MERCHANT SCANNER ENCODES E-RECEIPT ON SAFE CARD
510
USER PRESENTS SAFE CARD BEARING E-RECEIPT FOR CLAIMING PRODUCT OR SERVICE
512
MERCHANT SCANNER EXAMINES SAFE CARD FOR E-RECEIPT
514
USER MAY OPTIONALLY ENTER PIN AND INDICATE APPROPRIATE E-RECEIPT
516
MERCHANT SERVER MATCHES E-RECEIPT TO PURCHASE TRANSACTION RECORD
518
MERCHANT RECEIVES VERIFICATION INDICATION
520
USER RECEIVES PRODUCT OR SERVICE
522
USER PRESENTS SAFE CARD FOR RECORDING DELIVERY
524
MERCHANT SCANNER ENCODES DELIVERY INTO E-RECEIPT
526
MERCHANT SERVER RECORDS DELIVERY INTO USER TRANSACTION RECORD
528
MERCHANT SERVER ADJUSTS INVENTORY RECORDS AS APPROPRIATE
530
USER RETAINS E-RECEIPT AS PROOF-OF-PURCHASE FOR FUTURE SERVICE OR WARRANTY
END

FIG. 5

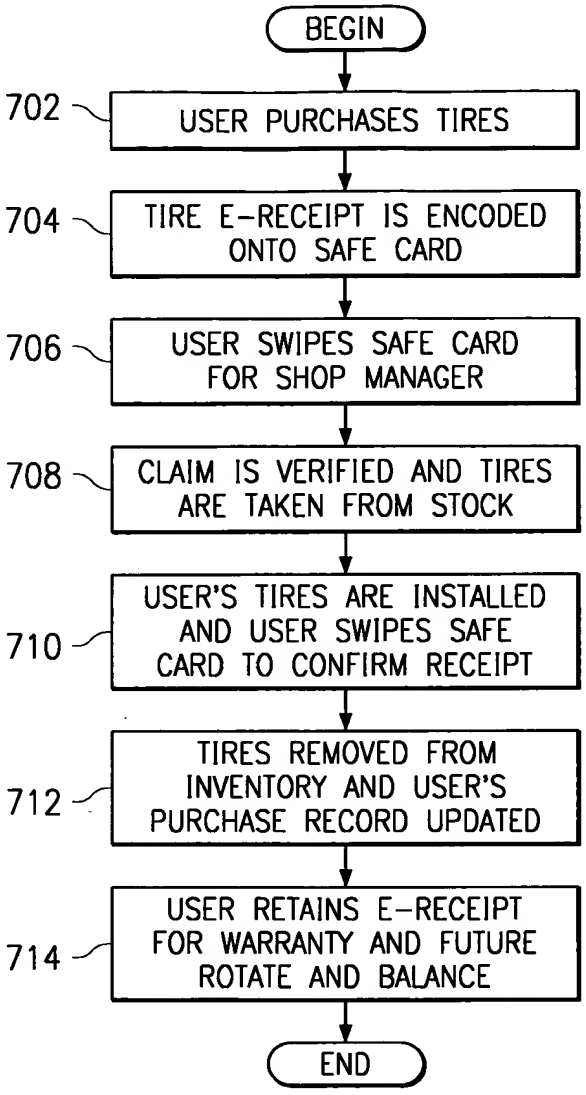
BEGIN
702
USER PURCHASES TIRES
704
TIRE E-RECEIPT IS ENCODED ONTO SAFE CARD
706
USER SWIPES SAFE CARD FOR SHOP MANAGER
708
CLAIM IS VERIFIED AND TIRES ARE TAKEN FROM STOCK
710
USER'S TIRES ARE INSTALLED AND USER SWIPES SAFE CARD TO CONFIRM RECEIPT
712
TIRES REMOVED FROM INVENTORY AND USER'S PURCHASE RECORD UPDATED
714
USER RETAINS E-RECEIPT FOR WARRANTY AND FUTURE ROTATE AND BALANCE
END

FIG. 7A

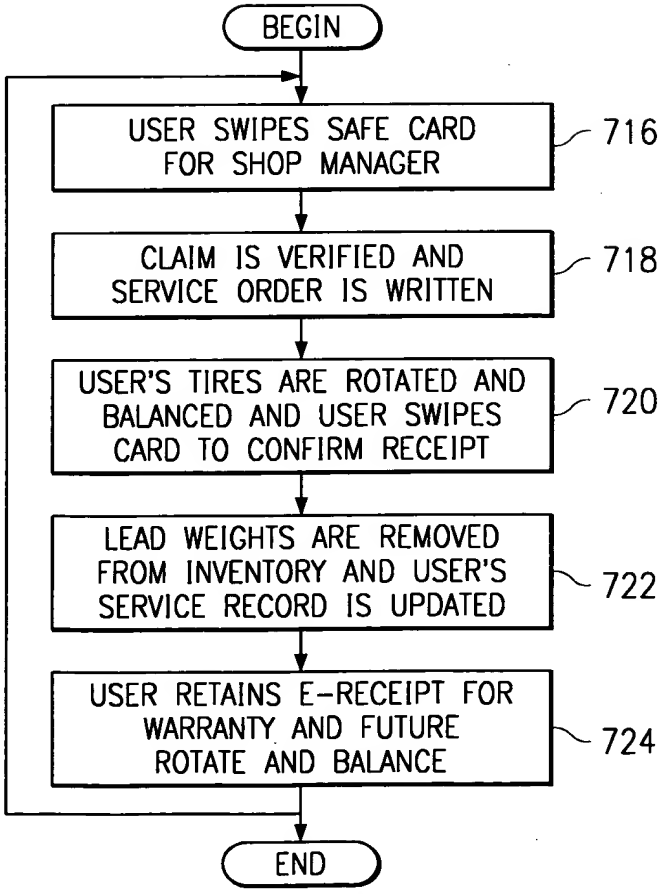
BEGIN
USER SWIPES SAFE CARD FOR SHOP MANAGER
716
CLAIM IS VERIFIED AND SERVICE ORDER IS WRITTEN
718
USER'S TIRES ARE ROTATED AND BALANCED AND USER SWIPES CARD TO CONFIRM RECEIPT
720
LEAD WEIGHTS ARE REMOVED FROM INVENTORY AND USER'S SERVICE RECORD IS UPDATED
722
USER RETAINS E-RECEIPT FOR WARRANTY AND FUTURE ROTATE AND BALANCE
724
END

FIG. 7B